

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/553,656
Source: PGP
Date Processed by STIC: 11/1/05

ENTERED



PCT

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/553,656

DATE: 11/01/2005

TIME: 10:47:15

Input Set : A:\Sequence Listing.txt
 Output Set: N:\CRF4\11012005\J553656.raw

3 <110> APPLICANT: CropDesign N.V.
 5 <120> TITLE OF INVENTION: Plants having modified growth characteristics and method for
 6 making the same
 8 <130> FILE REFERENCE: CD-089-PCT
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/553,656
 C--> 10 <141> CURRENT FILING DATE: 2005-10-14
 10 <150> PRIOR APPLICATION NUMBER: EP 03076086.2
 11 <151> PRIOR FILING DATE: 2003-04-14
 13 <160> NUMBER OF SEQ ID NOS: 7
 15 <170> SOFTWARE: PatentIn version 3.2
 17 <210> SEQ ID NO: 1
 18 <211> LENGTH: 336
 19 <212> TYPE: DNA
 20 <213> ORGANISM: Arabidopsis thaliana
 22 <220> FEATURE:
 23 <221> NAME/KEY: misc_feature
 24 <223> OTHER INFORMATION: MT2a DNA sequence
 26 <400> SEQUENCE: 1
 27 tttcattca taaatttttc ttcaatttga attttctcga gaaaaatgtc ttgctgtgga 60
 28 ggaaactgcg gatgtggatc tggctgcaag tgcggcaacg gttgtggagg ttgcaaaatg 120
 29 taccctgact tgggattctc cggcgagaca accacaactg agactttgt cttgggcgtt 180
 30 gcaccggcga tgaagaatca gtacgaggct tcaggggaga gtaacaacgc tgagaacgat 240
 31 gcttgcaagt gtggatctga ctgcaagtgt gatccttgca cctgcaagtg aagaagcctt 300
 32 tttaataag cagagataat cgagtcttta taatta 336
 34 <210> SEQ ID NO: 2
 35 <211> LENGTH: 81
 36 <212> TYPE: PRT
 37 <213> ORGANISM: Arabidopsis thaliana
 39 <220> FEATURE:
 40 <221> NAME/KEY: MISC_FEATURE
 41 <223> OTHER INFORMATION: MT2a protein sequence
 43 <400> SEQUENCE: 2
 44 Met Ser Cys Cys Gly Gly Asn Cys Gly Cys Gly Ser Gly Cys Lys Cys
 45 1 5 10 15
 47 Gly Asn Gly Cys Gly Cys Lys Met Tyr Pro Asp Leu Gly Phe Ser
 48 20 25 30
 50 Gly Glu Thr Thr Thr Glu Thr Phe Val Leu Gly Val Ala Pro Ala
 51 35 40 45
 53 Met Lys Asn Gln Tyr Glu Ala Ser Gly Glu Ser Asn Asn Ala Glu Asn
 54 50 55 60
 56 Asp Ala Cys Lys Cys Gly Ser Asp Cys Lys Cys Asp Pro Cys Thr Cys
 57 65 70 75 80
 59 Lys

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62 <210> SEQ ID NO: 3
 63 <211> LENGTH: 545
 64 <212> TYPE: DNA
 65 <213> ORGANISM: Arabidopsis thaliana
 67 <220> FEATURE:
 68 <221> NAME/KEY: misc_feature
 69 <223> OTHER INFORMATION: MT1 DNA sequence
 71 <220> FEATURE:
 72 <221> NAME/KEY: misc_feature
 73 <222> LOCATION: (331)..(331)
 74 <223> OTHER INFORMATION: n is a, c, g, or t
 76 <400> SEQUENCE: 3

77	cattcataaa	ttttcttca	atttgaattt	tctcgagaaa	aatgtcttgc	tgtggaggaa	60
78	actgcggatg	tggatctggc	tgcaagtgcg	gcaacggttg	tggaggttgc	aaaatgtacc	120
79	ctgacttggg	attctccggc	gagacaacca	caactgagac	ttttgtctg	ggcgttgcac	180
80	cggcgatgaa	aatcgtac	gaggcttcag	gggagagtaa	caacgcttag	agcgatgctt	240
81	gcaagtgtgg	atctgactgc	aagtgtgatc	cttgcacctg	caagtgaaga	agcctttta	300
W--> 82	aataaggcaga	gataatecgag	tctcttaat	ntaattaagt	tattcaataa	gtaaaccata	360
83	tataggatgg	tgtttttagg	tttggtttat	gtgtaataat	ggcttcagct	tatcttttag	420
84	ccgatcattg	tcttttgtgt	tttggtttgat	catactttt	agatgtctag	caaatctgcc	480
85	atgtgtgag	tttgtacttc	cagtggaaatg	ataataatat	tatagttta	aatcaaaaaaa	540
86	aaaaaa						545

88 <210> SEQ ID NO: 4
 89 <211> LENGTH: 81
 90 <212> TYPE: PRT
 91 <213> ORGANISM: Arabidopsis thaliana
 93 <220> FEATURE:
 94 <221> NAME/KEY: MISC_FEATURE
 95 <223> OTHER INFORMATION: MT1 protein sequence
 97 <400> SEQUENCE: 4

98	Met	Ser	Cys	Cys	Gly	Gly	Asn	Cys	Gly	Cys	Gly	Ser	Gly	Cys	Lys	Cys	
99	1				5				10					15			
101	Gly	Asn	Gly	Cys	Gly	Gly	Cys	Lys	Met	Tyr	Pro	Asp	Leu	Gly	Phe	Ser	
102						20			25			30					
104	Gly	Glu	Thr	Thr	Thr	Thr	Glu	Thr	Phe	Val	Leu	Gly	Val	Ala	Pro	Ala	
105							35		40			45					
107	Met	Lys	Asn	Gln	Tyr	Glu	Ala	Ser	Gly	Glu	Ser	Asn	Asn	Ala	Glu	Ser	
108		50				55				60							
110	Asp	Ala	Cys	Lys	Cys	Gly	Ser	Asp	Cys	Lys	Cys	Asp	Pro	Cys	Thr	Cys	
111	65				70					75			80				
113	Lys																
116	<210>	SEQ ID NO:	5														
117	<211>	LENGTH:	53														
118	<212>	TYPE:	DNA														
119	<213>	ORGANISM:	Artificial sequence														
121	<220>	FEATURE:															
122	<223>	OTHER INFORMATION:	primer prm03240														
124	<400>	SEQUENCE:	5														
125	ggggacaagt	ttgtacaaaa	aaggcaggctt	cacaatgtct	tgctgtggag	gaa											53

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182	cctgtagaag	tttcttttg	gttattcctt	gactgcttga	ttacagaaaag	aaatttatga	2100
183	agctgtatc	gggatagttt	tactgcttgt	tcttatgatt	catttcctt	gtcagttct	2160
184	tgggttagct	tgcactttc	accagcaaag	ttcattttaaa	tcaacttaggg	atatcacaag	2220
185	tttgcacaaa	aaaggcaggct	tcacaatgtc	ttgctgtgga	ggaaactgcgc	gatgtggatc	2280
186	tggctgcaag	tgcggcaacg	gttgtggagg	ttgcaaaaatg	taccctgact	tggattctc	2340
187	cgccgagaca	accacaactg	agactttgt	cttggcggtt	gcaccggcga	tgaagaatca	2400
188	gtacgaggct	tcaggggaga	gtaacaacgc	tgagaacgat	gcttgcaga	gtgatctga	2460
189	ctgcaagtgt	gatccttgca	cctgcaagt	aaacccagct	ttcttgataca	aagtgggtgat	2520
190	atcacaagcc	cggggcggtct	tctagggata	acagggtaat	tatatccctc	tagatcacaa	2580
191	gcccggcg	tcttctacga	tgattgagta	ataatgtgc	acgcatcacc	atgggtggca	2640
192	gtgtcagtgt	gagcaatgac	ctgaatgaac	aattgaaaatg	aaaagaaaaa	aagtactcca	2700
193	tctgttccaa	attaaaattc	attttaacct	ttaataggt	ttataacaata	attgatata	2760
194	gttttctgta	tatgtcta	ttgttatcat	ccgggcggtc	ttcttagggat	aacagggtaa	2820
195	ttatatccct	ctagacaaca	cacaacaaat	aagagaaaaa	acaataata	ttaatttgag	2880
196	aatgaacaaa	aggaccat	cattcattaa	ctctctcca	tccatttcca	tttcacagtt	2940
197	cgatagcgaa	aaccgaataa	aaaacacagt	aaattacaag	cacaacaaat	ggtacaagaa	3000
198	aaacagttt	cccaatgcca	taatactcga	ac			3032

RAW SEQUENCE LISTING ERROR SUMMARY DATE: 11/01/2005
PATENT APPLICATION: US/10/553,656 TIME: 10:47:16

Input Set : A:\Sequence Listing.txt
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:3; N Pos. 331

VERIFICATION SUMMARY

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L:10 M:270 C: Current Application Number differs, Replaced Current Application No

L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:82 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:300